DECLARATION AN		Attor	ney Docket Number	21640Y								
POWER OF ATTORN FOR UTILITY OR DES		First	Named Inventor	Kim, Peter S.								
PATENT APPLICATI	ON		CO	MPLETE IF KNOWN	PLETE IF KNOWN							
(37 CFR 1.63)		Appli	cation Number									
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with Initial OR Filing (s Filing (37 CFF	surcharge R 1.16 (e))	Group	Art Unit									
required		Exam	iner Name									
As a below named inventor, I hereby	y declare tha	t:										
My residence, post office address, and	citizenship a	re as st	ated below next to my na	ame.								
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:												
INHIBITORS OF CORONAVIRUS												
the anciffication of which (Title of the Invention)												
the specification of which												
bears the Attorney Docket Number and Title of the Invention noted above												
OR is attached hereto OR												
was filed on (MM/DD/YYYY) as United States Application Number or PCT International												
Application Number	and w	vas ame	ended on (MM/DD/YYY	[(if applicable).							
I hereby state that I have reviewed and amended by any amendment specifical	understand th	he cont	ents of the above identif	·								
I acknowledge the duty to disclose to t	he Patent and	l Trade	mark Office all informat	ion known to me to be mate	rial to patentability							
as defined in 37 CFR 1.56, including f the filing date of the prior application	or continuatio	on-in-p	art applications, material	information which became	available between							
I hereby claim foreign priority benefits certificate(s), or 365(a) of any PCT into	rnational app	lication	n which designated at lea	ist one country other than the	e United States of							
America, listed below and have also ide or of any PCT international application												
Prior Foreign Application Number(s)	Country		Foreign Filing Date (MM/DD/YYYY)		Priority Claimed?							
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Additional foreign application number	rs are listed on	a suppl	emental priority data sheet l	PTO/SB/02B attached hereto.								
I hereby claim the benefit under 35 U.S.C.	119(e) of any U	Inited St	tates provisional application	(s) listed below.								
Application Number(s)			Filing Date (MM/DD/YYYY)	Attorney D	ocket Number							
60/479,430	06.	/18/20	003	21430PV								
60/479,429	06	/18/20	003	21429PV								
60/478,860	06	/16/20	003	ITR0063PV								
60/467,190	04	/30/20	003	21639PV								
60/463,100	04	/14/	2003 [Page of 4]	21640PV								

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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating is not disclo	the United States of A sed in the prior United [2, I acknowledge the 5 which became avail	America, listed d States or PC duty to disclo	below and, in: T international ose information	sofar as the application known to	subje n in th me to	ect matter he manner be materi	of each o provided al to pate	f the clain by the fir ntability a	st paragraph of		
	U.S. Parent Application o Application Nur				at Filia 1/DD/Y	ng Date		Parent Patent Number (if applicable)			
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Addition	al U.S. or PCT internati	ional application	numbers are lis	ted on a sup	plemer	ntal priority	data sheet	PTO/SB/0	2B attached hereto.		
	istered practitioner(s) to rewith:	prosecute this a Customer Number OR	pplication and to	transact all	busine	ess in the U	nited State		stitution and revocation, the d Trademark Office		
	Name	•	Registration				me		Registration Number		
Yang Xu		45,24	Number 3	Jack L	Trib	ble			32,633		
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Direct all co	rrespondence to: X	Customer Nu	ımber 00	0210]						
Name	Dr. Yang Xu										
Address	Merck & Co., Inc.										
Address	P.O. Box 2000, RY	60-30									
City	Rahway			State	NJ		ZIP	070	7065-0907		
Country	USA		Telephone	(732) 594-	1307		Fax	(73	2) 594-4720		
belief are be the like so n	lare that all statement lieved to be true; and nade are punishable by ize the validity of the	further that th y fine or impri	ese statements isonment, or bo	were made oth, under	e with 18 U.S	the know	ledge that	t willful fa	alse statements and		
Name of Sole (or First Inventor:			A	petitio	on has bee	n filed fo	r this unsi	gned inventor		
Gi	ven Name (first and	d middle [if a	any])			Fa	amily Na	ıme or Sı	ırname		
Peter S.				Kim							
Inventor's Signature	1 In	<u></u>					Date	June	4, 200 4		
Residence: City	Bryn Mawr		State PA	Cou	ıntry	US		Citizens	ship US		
Post Office Address	Merck & Co	., Inc., P.O. B	ox 2000								
City	Rahway			Sta	te	NJ	ZIP	0	7065-0907		
X Additional	inventors are being na	med on the 2	supplemental .	Additional I	nvento	ors(s) sheet(s) PTO/SB	/02A attacl	ned hereto.		

Name of Addition	nal J	oint Inventor, if any:			A	petiti	on has be	een filed f	or this unsigne	d inventor			
Give	n Na	ame (first and middle [if	(any)				F	amily Na	ime or Surna	me			
Debra		<u> </u>			Eckert								
Inventor's Signature		Debra Ecker	f					Date	aug 18	7,200A			
Residence: City		Lake City	State	UT	Cou	ntry	US		Citizenship	us			
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00	·	,							
City		Rahway		···	State	State NJ			07065-090	07065-0907			
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Antonello					Pessi								
Inventor's Signature								Date					
Residence: City	Ron	Roma State Country IT							Citizenship	IT			
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Name of Addition	nal J	oint Inventor, if any:			A	petiti	on has be	een filed f	or this unsigne	d inventor			
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Victor M.					Garsky	<i>'</i>							
Inventor's Signature		Lich M. Cla	us	_	Date June 7, 2004								
Residence: City	Blue	e Bell	State	PA	Cou	ntry	us	0	Citizenship	us			
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00									
City		Rahway			State	NJ		ZIP	07065-090	7			
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Give	n Na	ame (first and middle [if	any])				F	amily Na	ame or Surnai	me			
Roger M.					Freidi	iger							
Inventor's Signature								Date	4 June	2004			
Residence: City	Lan	sdale	State	PA	Cou	ntry	US		Citizenship	us			
Post Office Address		Merck & Co., Inc., P.O.	Box 200	00									
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Romas		$\mathcal{M}_{\mathcal{A}}$			Gelezi	unas						
Inventor's Signature		())).						Date	6/7	104.		
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Inventor's Signature			*		_!			Date				
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As a below named invento	r, I hereby declare the	at:											
My residence, mailing addre	ess, and citizenship are	as state	d below next to my name	e.									
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:													
INHIBITORS OF CORONAVIRUS													
(Title of the Invention)													
bears the Attorney Docket Number and Title of the Invention noted above OR													
is attached hereto													
OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International													
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I hereby state that I have rev				ed specification, including	the claims, as								
amended by any amendment	specifically referred to	above.			_								
I acknowledge the duty to di as defined in 37 CFR 1.56, in the filing date of the prior ap	ncluding for continuation	on-in-pa	art applications, material	information which became	available between								
I hereby claim foreign priorit	•												
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Prior Foreign Application			Foreign Filing Date		Priority Claimed?								
Num ber (s)	Country		(MM/DD/YYYY)	Attorney Docket Nu	imber YES NO								
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I hereby claim the benefit under	r 35 U.S.C. 119(e) of any	United S	tates provisional application Filing Date	n(s) listed below.									
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60/479,429	0	6/18/20	003	21429PV									
60/478,860	00	6/16/20	003	ITR0063PV	ITR0063PV								
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60/463,100	04	4/14/	2003 [Page 1 of 4]	21640PV									

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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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Nam e	Dr. Ya	ng Xu															
Address	Merck	& Co., Inc.															
Address	P.O. B	ox 2000, R	Y60-30														
City	Rahwa	у					St	ate	NJ	_		ZIP	ZIP 07065				
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Peter S.							J	Kim									
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Name of Addition	nal J	oint Inventor, if any:				Ap	tition	n has be	en filed f	or this	unsigne	d inve	ntor	
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Debra					E	Cekert								
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City		Rahway		Stat	e N	J	ZI	P 0706	5-0907		Countr	y		
Name of Additional Joint Inventor, if any:						Apo	tition				unsigne		ntor	
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Residence: City	Roma State					Count	гуГ	Т		Citizenship IT				
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City		Pomezia (Roma)		State	Italy	y	ZIP	00040			Countr	у		
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Name of Addition	nal J	oint Inventor, if any:				A petiti	ion ha	as bec	en filed f	or this u	msigned	l inv	entor
Give	n Ña	ame (first and middle [if	any])			Family Name or Surname							
Romas						Geleziunas							
Inventor's Signature	:				_				Date				
Residence: City	Doy	destown	State	PA		Country US					Citizenship CA		
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City		Rahway			Sta	ate NJ		ZIP	07065-0	907	Coun	try	
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